

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

1420L

SERIAL NO.

~~358,414~~ 358,551

APPLICANT

Moore, Zaffaroni

FILING DATE

3/15/82

GROUP

172153

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LM	AA	4 2 62 0 90	4/14/81	Colby, Jr. et al.			6/4/79
LM	AB	4 28 3 4 89	8/11/81	Goodman et al.			11/23/83
LM	AC	4 23 7 2 24	12/2/80	Cohen et al.			1/4/79
LM	AD	4 29 3 65 2	10/6/81	Cohen			10/6/81
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LM	AR	Amster et al. (1980) Nucleic Acids Research 8, 2055-2065.
		14
LM	AS	Kemp & Cowman (1981) Proc. Nat. Acad. Sci. USA 78, 4520-4524.
		14
LM	AT	Goeddel et al. (1980) Nucleic Acids Research, 8, 4057-4074.
		14

EXAMINER

Q. Martin

DATE CONSIDERED

4/26/83

(5)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

1420L

SERIAL NO.

~~358,414~~ 558551APPLICANT
Moore, ZaffaroniFILING DATE
3/15/82GROUP
~~172~~ 153

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Land et al. (1981) Nucleic Acids Research <u>9</u> , 2251-2266 14
	AS	Okayama & Berg (1982) Molecular & Cellular Biology <u>2</u> , 161-170. 14
	AT	Early & Hood (1981) Genetic Engineering <u>3</u> , 157-188 14

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

1420L

SERIAL NO.

358,414 558557

APPLICANT

Moore, Zaffaroni

FILING DATE

3/15/82

GROUP

172

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>	AR	Wallace et al. (1980) Science <u>209</u> , 1396-1400.
		<u>14</u>
<i>W</i>	AS	Hutchinson et al. (1978) J. Biol. Chem. <u>253</u> , 6551-6560.
		<u>14</u>
<i>W</i>	AT	Rosemblatt et al. (1978) Biochemistry <u>17</u> , 3877-3882
		<u>14</u>

EXAMINER

James H. Heston

DATE CONSIDERED

4/26/83

(17)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1420L

SERIAL NO.
358,414 538551

APPLICANT
Moore, Zaffaroni

FILING DATE
3/15/82

GROUP
172

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Sharon et al. (1976) Biochemistry, <u>15</u> , 1591-1594.
	14
AS	
AT	

EXAMINER

John Mitchell

DATE CONSIDERED

4/26/82

(8)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.